

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/04562

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B23K9/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 92/18283 A (BROWNE, GEORGE WILLIAM; KOSTECKI, GENE) 29 October 1992 (1992-10-29) page 5, line 8 - page 8, line 14; figures	1, 3, 25
X	US 3 075 067 A (AXHELM, IVEY W.) 22 January 1963 (1963-01-22) column 2, line 5 - column 3, line 24; figures 1, 2	25, 29, 30, 32, 33
X	US 2 427 350 A (CARPENTER, OTIS R.; KERR, HOWARD J.) 16 September 1947 (1947-09-16) column 3, line 7 - column 8, line 60; figures	25, 29, 30, 32, 33

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "A" document member of the same patent family

Date of the actual completion of the international search

8 July 2004

Date of mailing of the international search report

15/07/2004

Name and mailing address of the ISA
European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Innecken, A

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/04562

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9218283	A	29-10-1992	AT 159879 T 15-11-1997
			AU 650974 B2 07-07-1994
			AU 1678392 A 17-11-1992
			WO 9218283 A1 29-10-1992
			BR 9205898 A 26-07-1994
			CA 2108274 A1 19-10-1992
			DE 69223047 D1 11-12-1997
			EP 0580703 A1 02-02-1994
			GR 3026083 T3 29-05-1998
			JP 3025975 B2 27-03-2000
			JP 6509511 T 27-10-1994
			KR 254181 B1 15-04-2000
			RU 2094195 C1 27-10-1997
			US 5362937 A 08-11-1994
US 3075067	A	22-01-1963	NONE
US 2427350	A	16-09-1947	NONE